

# Project Proposal

**Proposal Title:** Castle Valley Aspen Regeneration

**Proposal Number:** 1443

**DWR Region:** Southern Region

**Lead Agency:** DWR

**County:** Iron

**Project Manager:** Nate Yorgason

**PM Phone:** 4358656113

**Regional Priority:** Within Focus Area

**Project Type:** Terrestrial Habitat

**Proposed Start Date:** 8/1/2009

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**Project Location:** Between Cedar Breaks and Panguitch Lake

**Project Description:** Clean up and do Aspen regeneration on a defaulted logging contract in Castle Valley between Cedar Breaks and Panguitch Lake.

**Description of Problem/Need:** In this decadent aspen stand there are units with heavy loads of dead and down fuel due to a defaulted logging contract. Funding this proposal would allow the Forest Service to stack and burn the slash and logs and scarify the ground. Both of these activities promote aspen regeneration.

**Objectives:** Stack and burn the units to 3-5 tons per acre and scarify the land with equipment to promote aspen regeneration.

**Relevance to Strategic Plans:** Helps meet conservation agreement strategies for Northern Goshawk habitat improvement. Helps meet habitat restoration goals for mule deer and elk per Herd Management Unit #28 plans. Helps meet conservation strategies outlined in the Partners in Flight Avian Conservation Plan for at risk species in aspen habitats. Meets Dixie Forest Plan habitat restoration goals and objectives.

**Potential Risks:** Normal risks associated with heavy equipment operation. Minimal risk of escaped fire while burning the piles.

**Proposed Methods:** Bring in an excavator that will pile logs and slash and scarify the land, followed by burning of the piles on 10 of identified 70 acres.

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**Shapefile Name:** S:/DWr/HPD-2010/GIS Shape Files/1443.shp

**Seed Source:**

**UPCD Reg Team Coord Date:**

**Proposed  
NEPA Action:**

**Proposed  
Arch Action:**

☒ **Vegetation Monitoring** ☐ **Wildlife Monitoring**

**Monitoring Information:** We have completed pre burn monitoring. The forest will continue to monitor at one, three and five year intervals.

**Grazing  
Management:**

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## SPECIES BENEFITING

Northern Goshawk	Mexican Spotted Owl	Three-toed Woodpecker	Boreal Owl
Broad-tailed Hummingbird	Williamson's Sapsucker	Mule Deer	Northern Flying Squirr
Rubber Boa	Elk	Merriam's Wild Turkey	

## LAND OWNERSHIP

Owner	Acres
USFS	10
<b>Total</b>	<b>10</b>

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## PROPOSED FUNDING

Source	Amount Requested	Date Approved	Amount Approved
Unfunded Balance	\$17,900.00		\$0.00
USFS	\$12,500.00		\$0.00
<b>Totals</b>	<b>\$30,400.00</b>		<b>\$0.00</b>

## PROPOSED BUDGET

Item	Description	DWR Account	Partner Contrib.
Contractual Services	Excavator contract 10 acres @ \$600/acre	\$6,000.00	\$0.00
Other	Burn already done	\$0.00	\$2,500.00
Other	Burning expenses (1 day 2 Engines)	\$2,500.00	\$0.00
Other	Holding (1 Engine 7 Days)	\$8,400.00	\$0.00
NEPA	NEPA and other planning expenses	\$0.00	\$10,000.00
Other	Pre and Post Burn monitoring (3days)	\$1,000.00	\$0.00
	<b>Totals</b>	<b>\$17,900.00</b>	<b>\$12,500.00</b>

## Project Map:



Brian Head  
8446

3250

Loudon  
Creek

Castle  
Creek

Deer  
Creek

Blue Spring  
Mountain

MARKAGUNT  
DIKE

Creek

Mammoth  
Creek

Creek

JEEP

PEAKS  
NUMENTI

Cedar  
Breaks

Cedar

3228 Hancock  
Peak

T 36 S

T 37 S

Houston Mtn